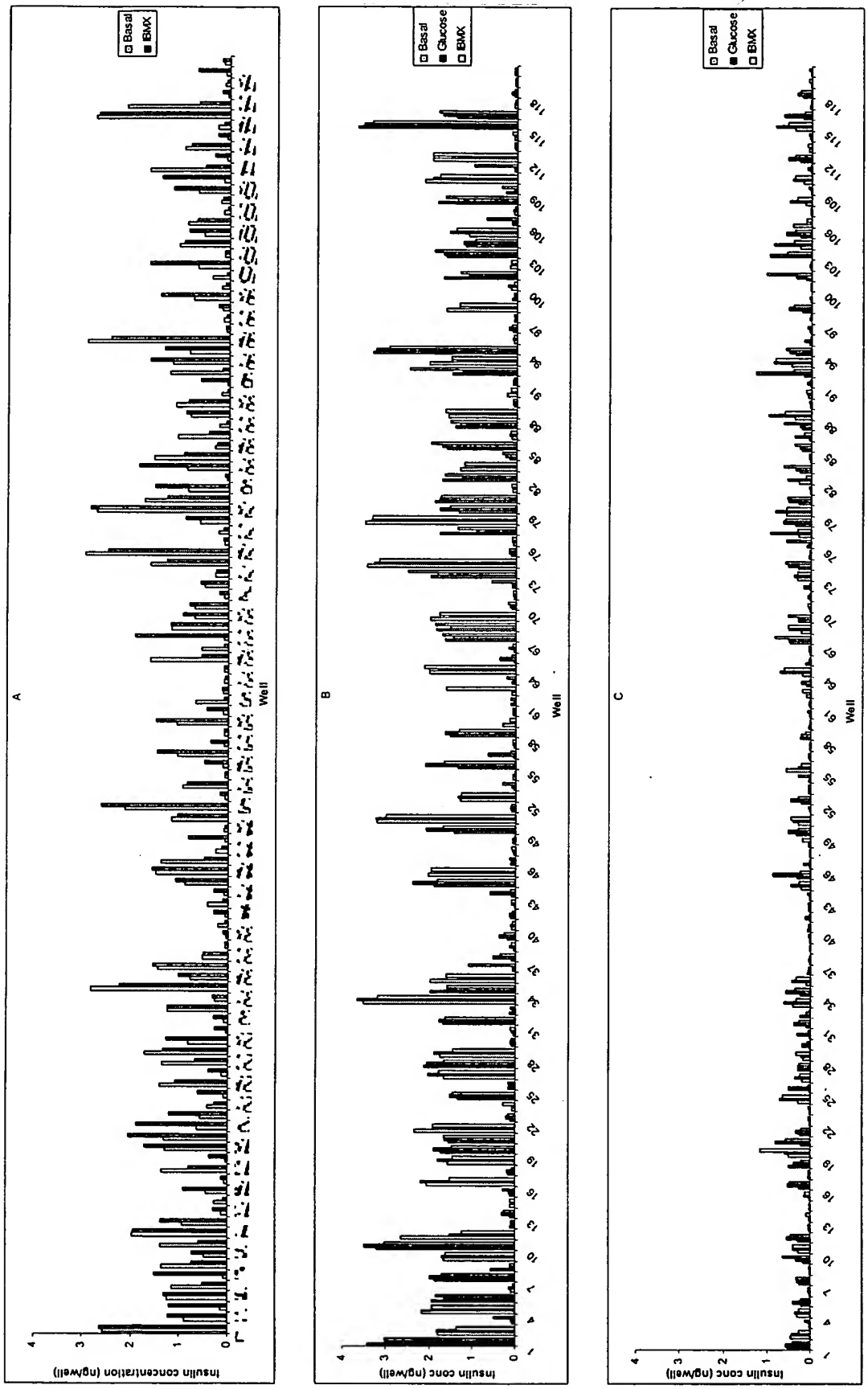
A
Basal
BMX
Insulin concentration (ng/well)
Well
B
Basal
Glucose
BMX
Insulin conc (ng/well)
Well
C
Basal
Glucose
BMX
Insulin conc (ng/well)
Well

Figure 1

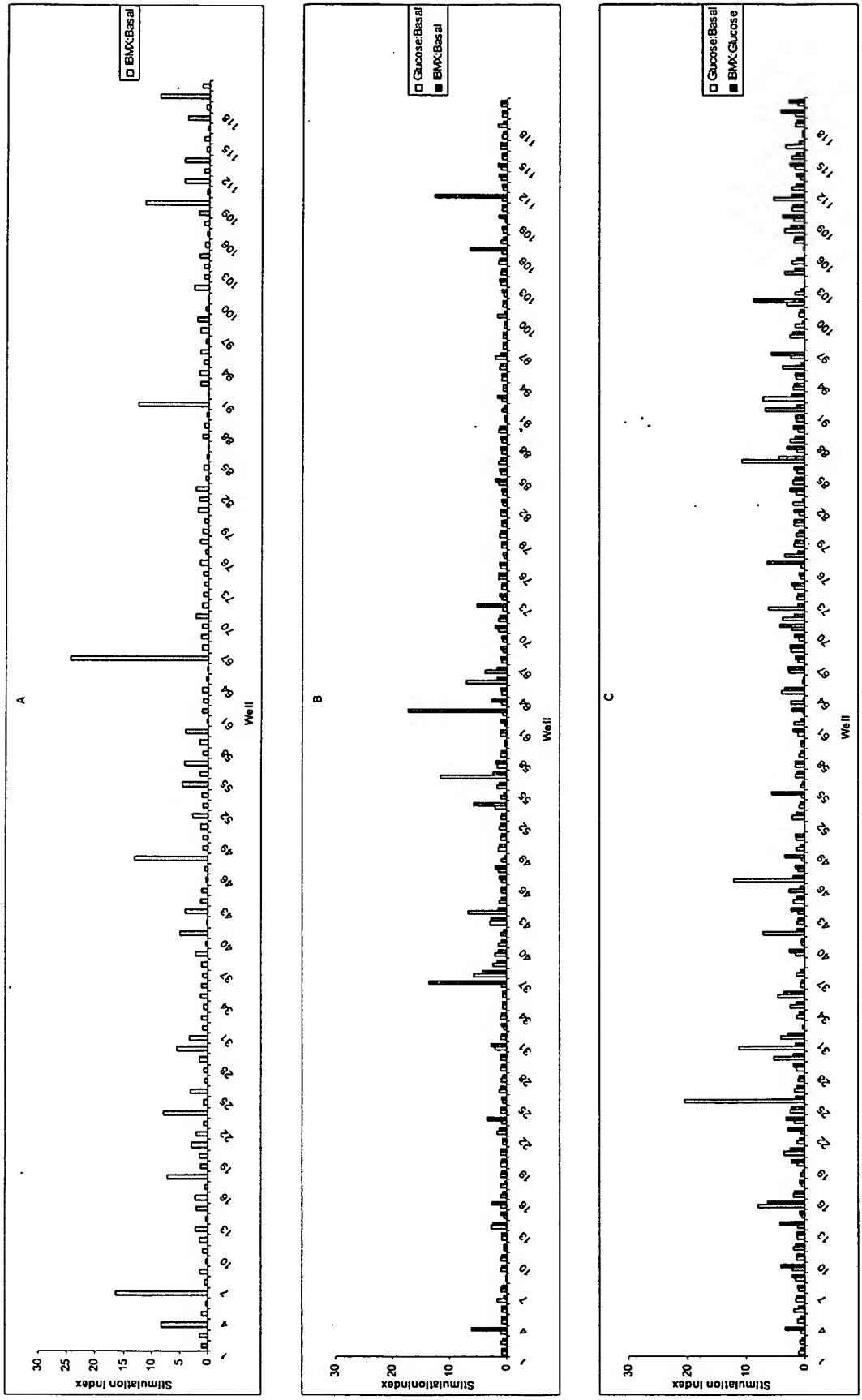
A
B
C
EMX:Basal
Glucose:Basal
EMX:Glucose
Stimulation Index
Well

Figure 2

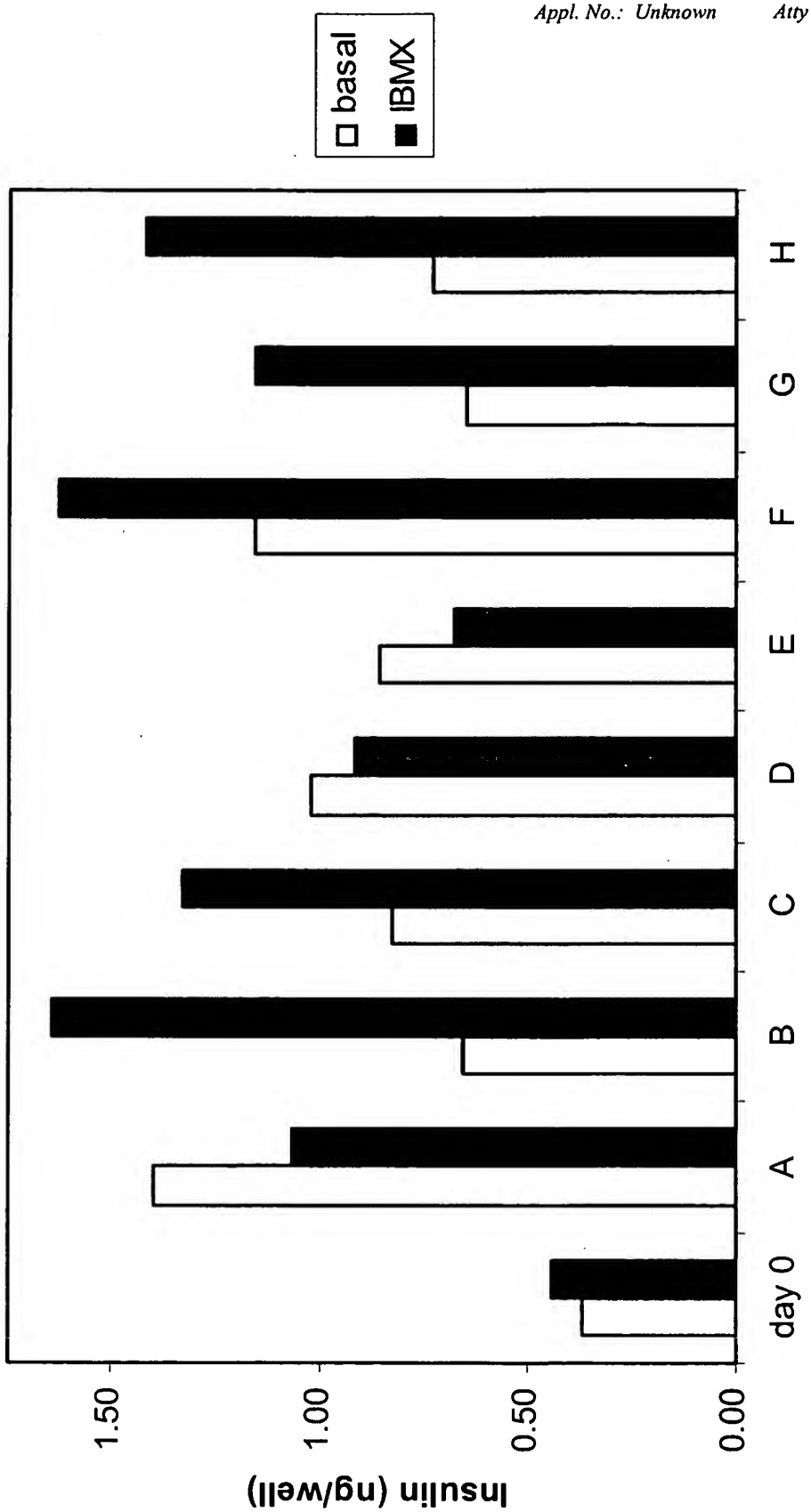

Figure 3

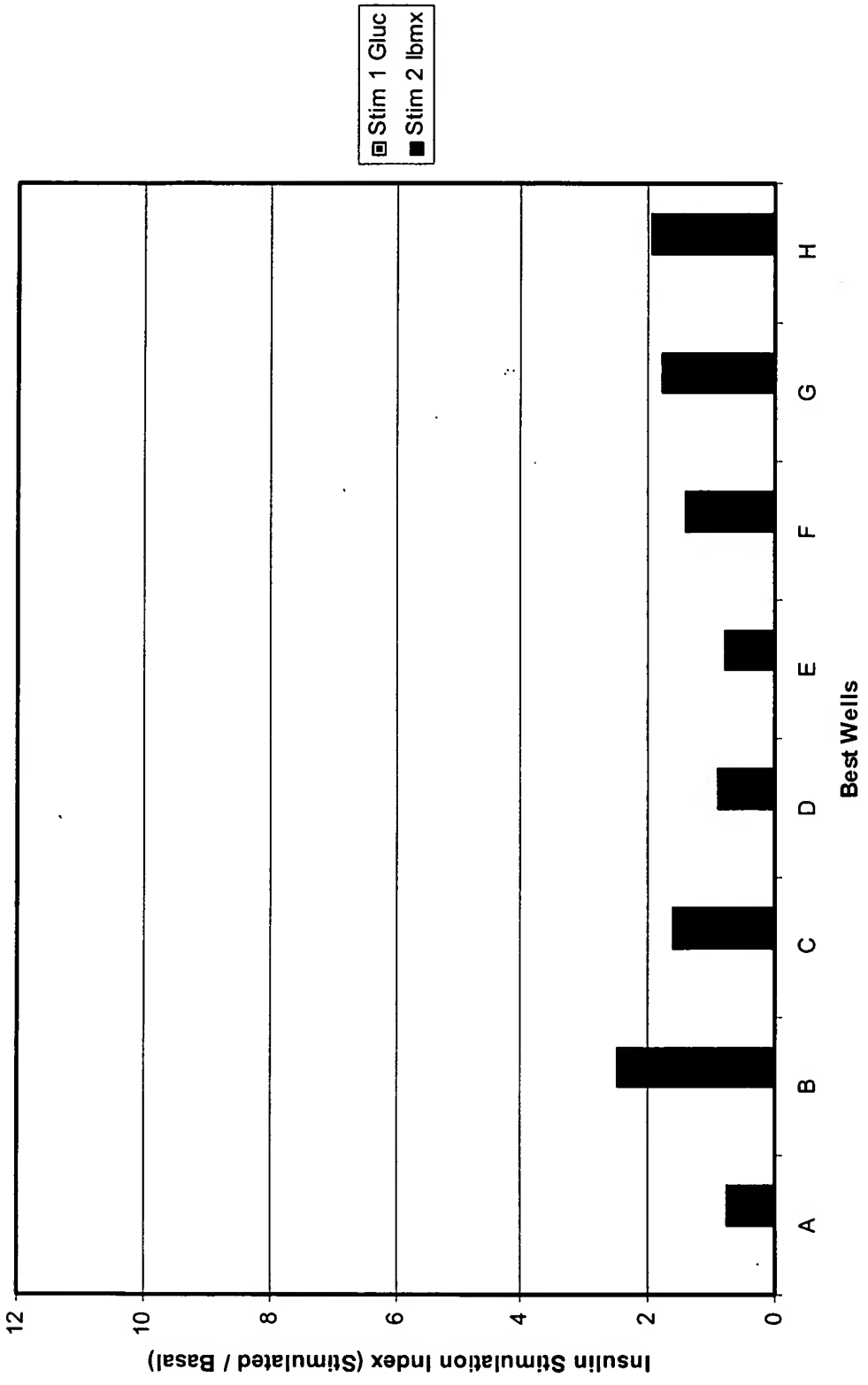
Stim 1 Gluc
Stim 2 Ibmx
Insulin Stimulation Index (Stimulated / Basal)
0
2
4
6
8
10
12
A
B
C
D
E
F
G
H
Best Wells

Figure 4.

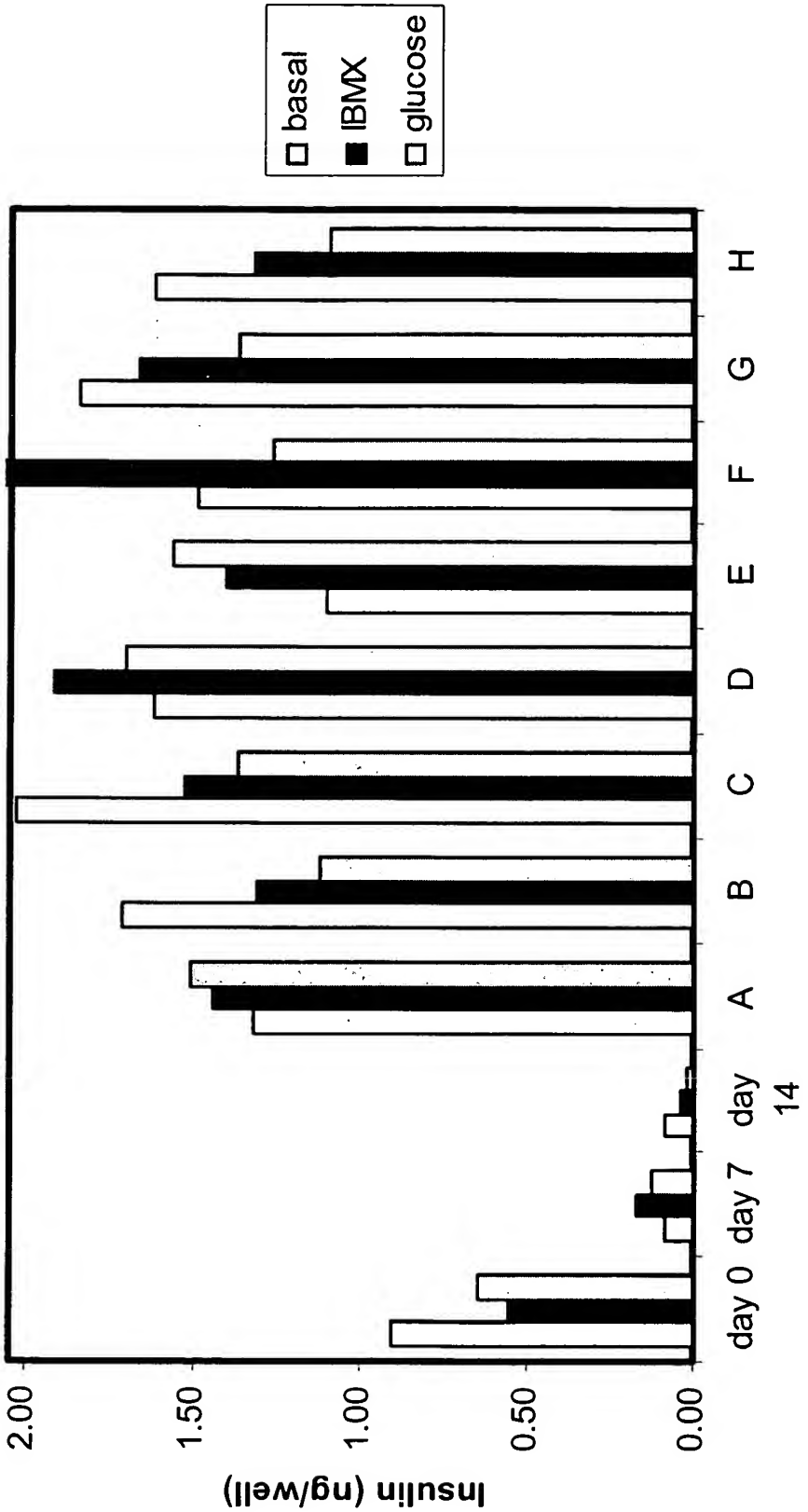
basal
IBMX
glucose
Insulin (ng/well)
2.00
1.50
1.00
0.50
0.00
day 0
day 7
day 14
A
B
C
D
E
F
G
H

Figure 5

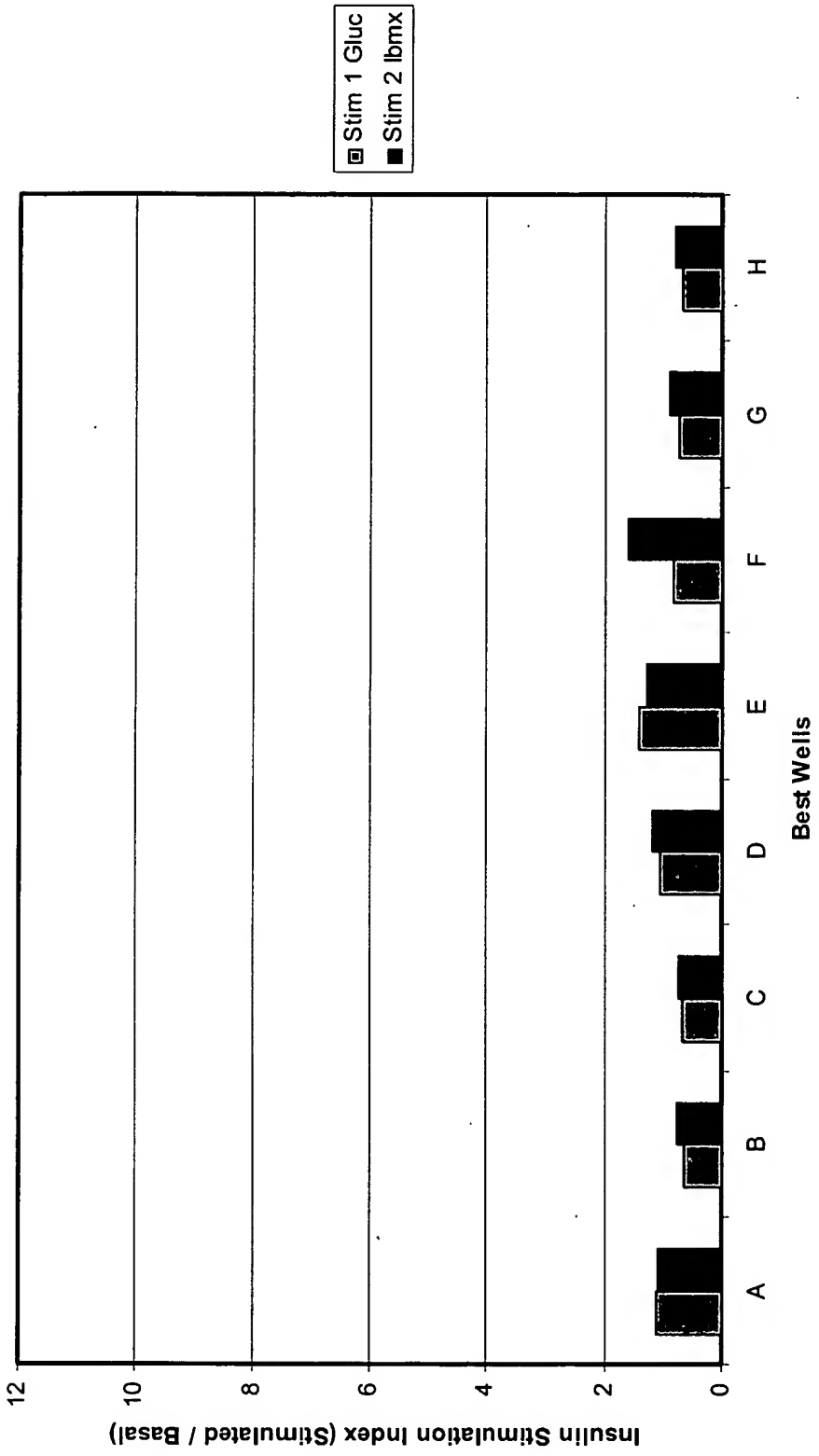
Stim 1 Gluc
Stim 2 Ibmx
Insulin Stimulation Index (Stimulated / Basal)
0
2
4
6
8
10
12
A
B
C
D
E
F
G
H
Best Wells

Figure 6

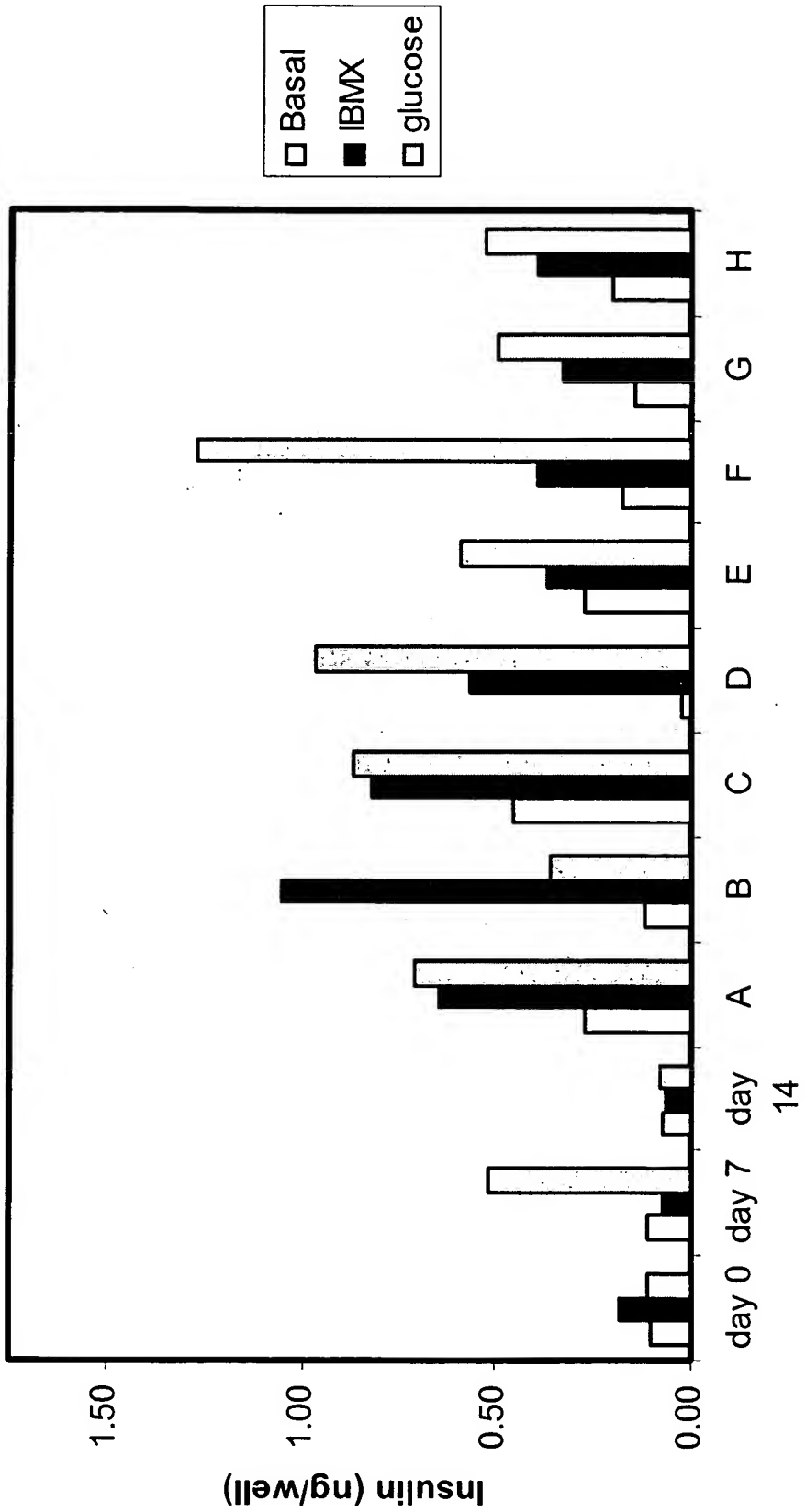
Basal
IBMX
glucose
Insulin (ng/well)
0.00
0.50
1.00
1.50
day 0
day 7
day 14
A
B
C
D
E
F
G
H

Figure 7

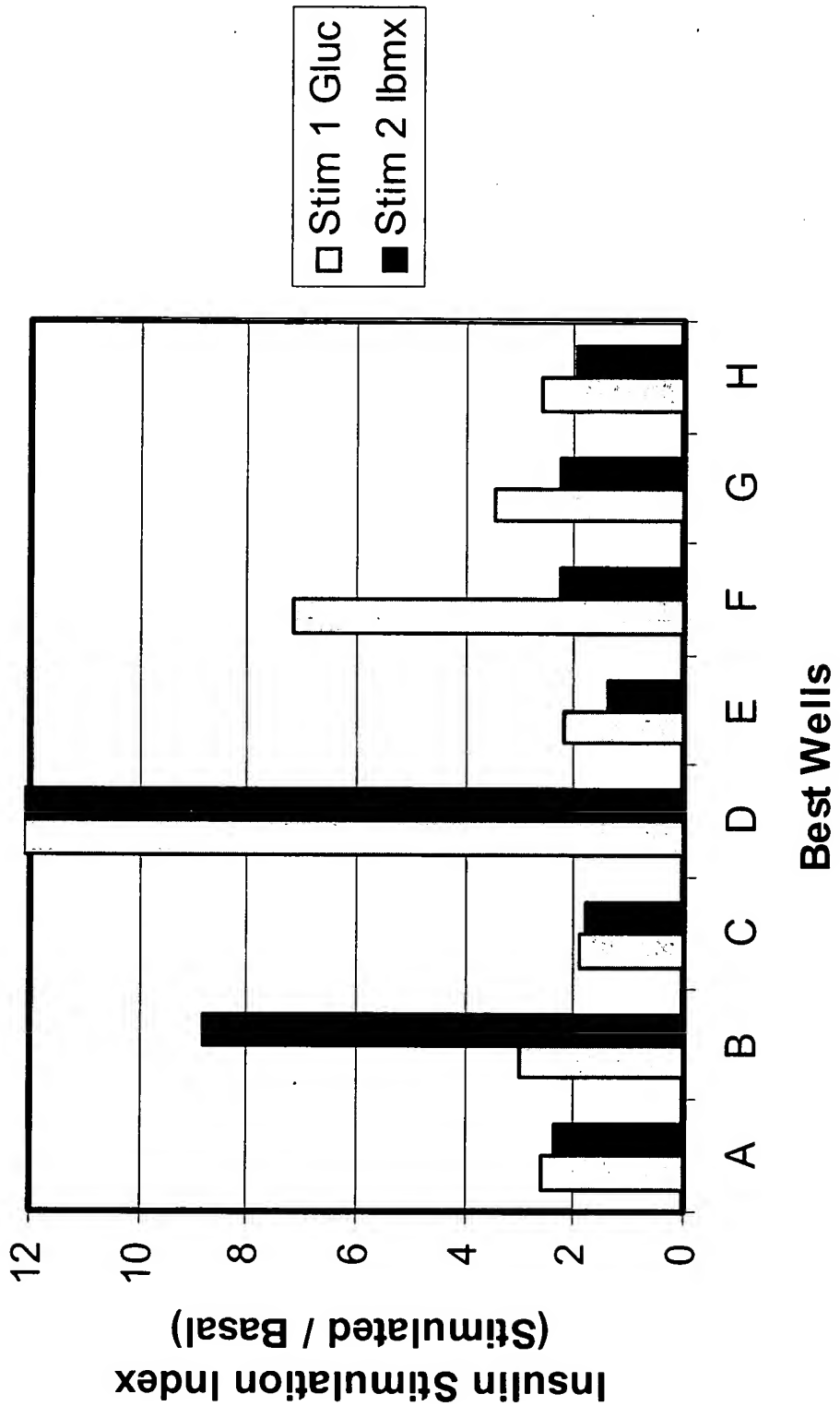
Stim 1 Gluc
Stim 2 Ibmx
Insulin Stimulation Index
(Stimulated / Basal)
0
2
4
6
8
10
12
A
B
C
D
E
F
G
H
Best Wells

Figure 8

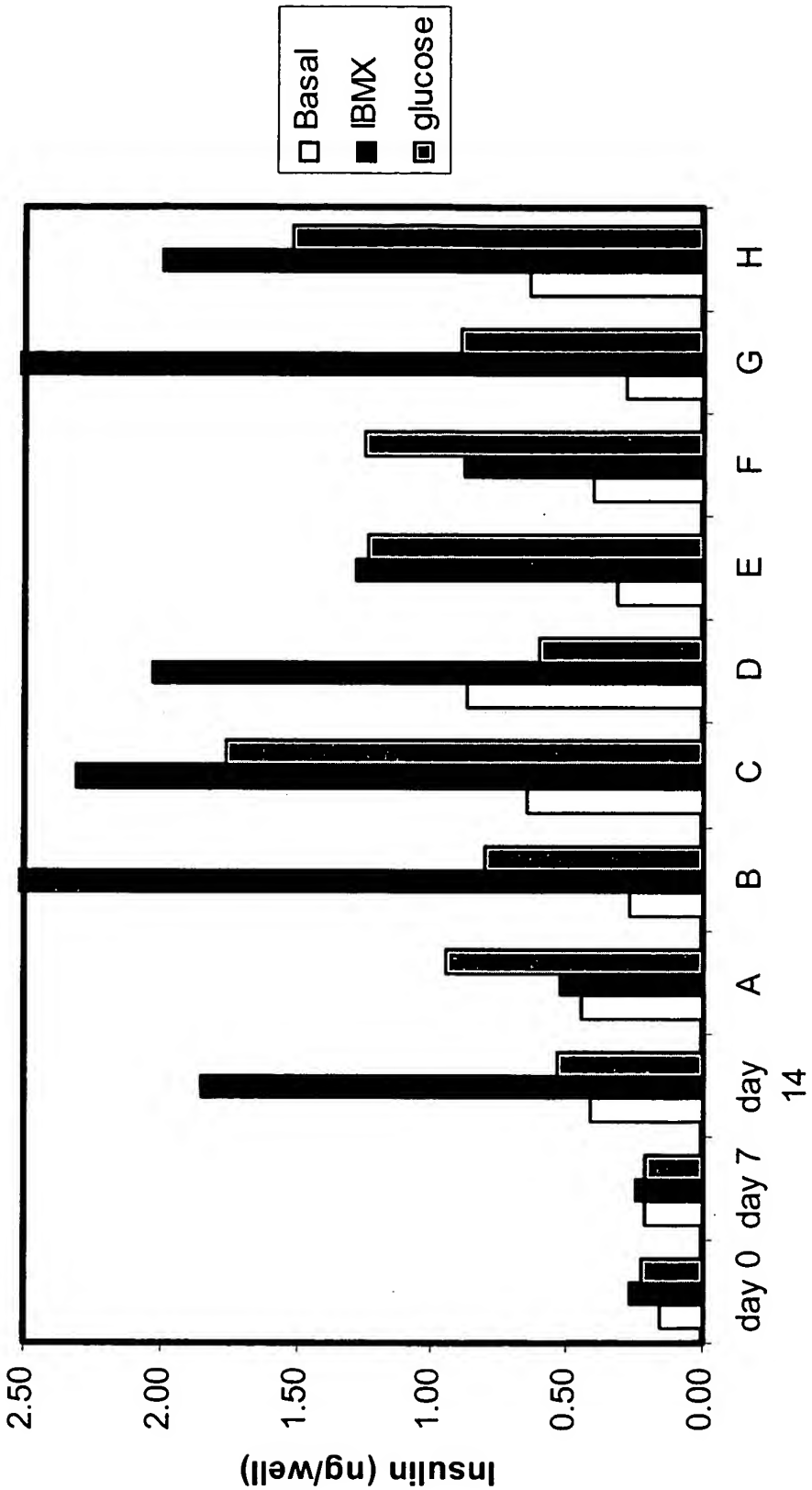
Basal
IBMX
glucose
Insulin (ng/well)
2.50
2.00
1.50
1.00
0.50
0.00
day 0
day 7
day 14
A
B
C
D
E
F
G
H

Figure 9

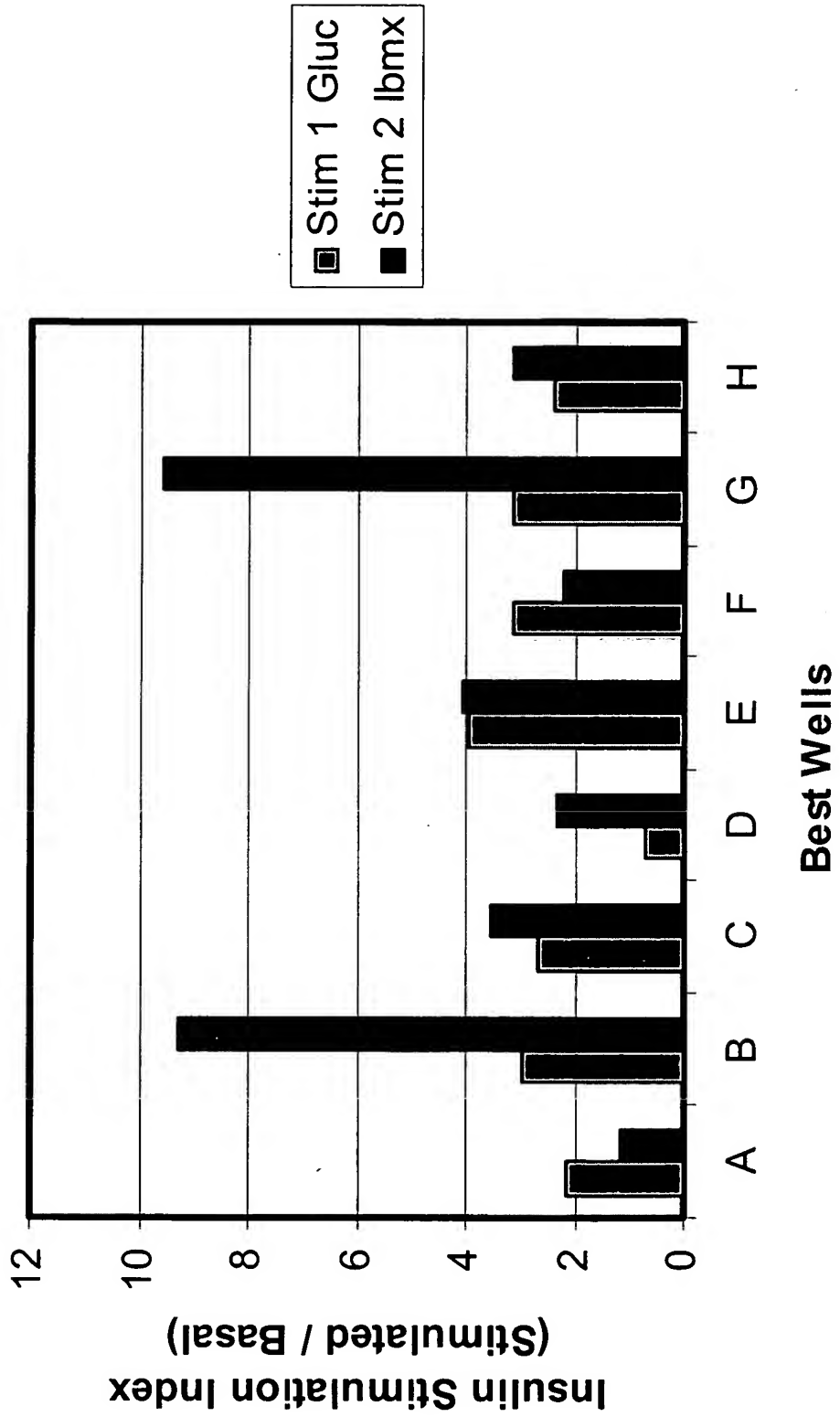
Stim 1 Gluc
Stim 2 Ibmx
Insulin Stimulation Index
(Stimulated / Basal)
0
2
4
6
8
10
12
A
B
C
D
E
F
G
H
Best Wells

Figure 10

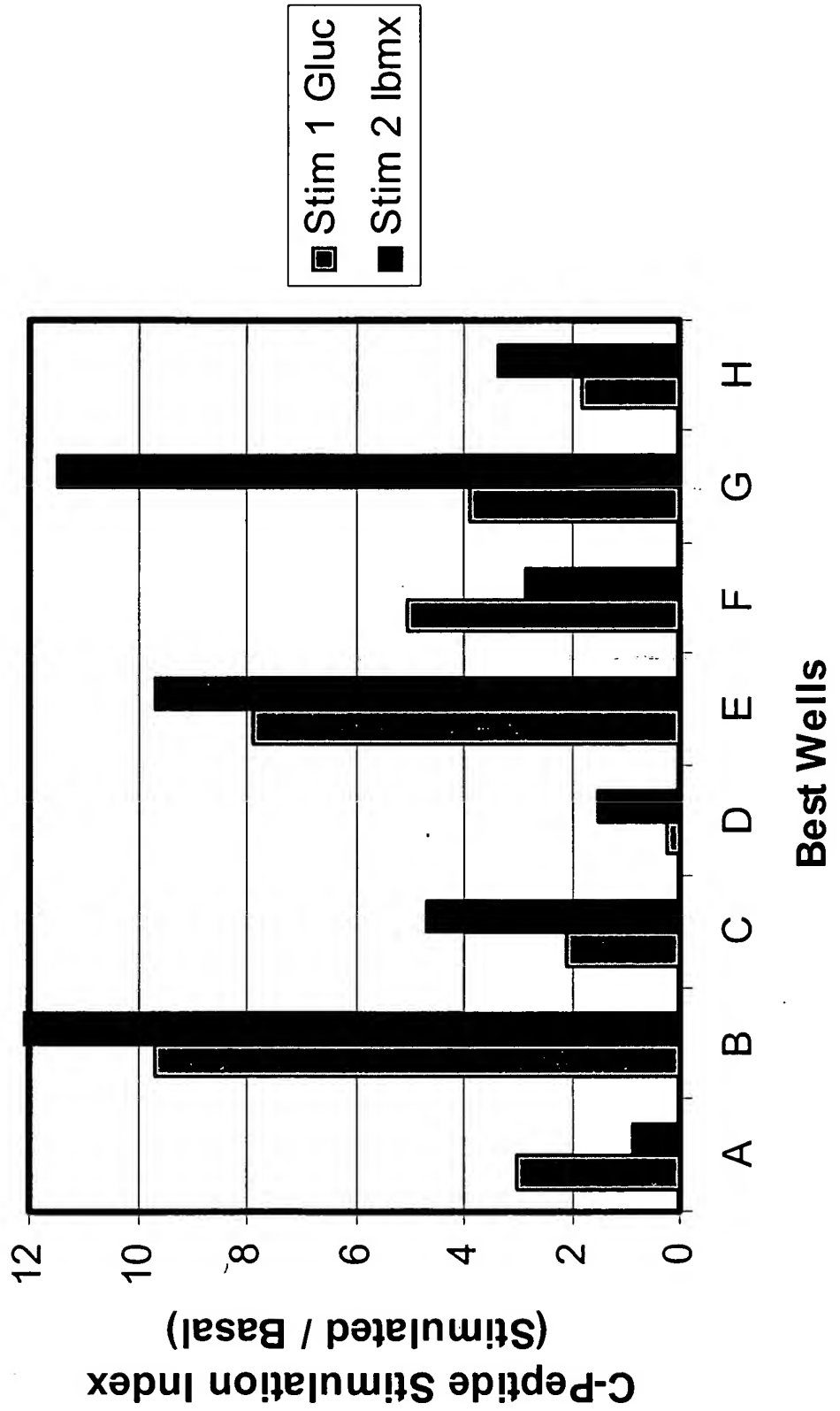
Stim 1 Gluc
Stim 2 Ibmx
C-Peptide Stimulation Index
(Stimulated / Basal)
0
2
4
6
8
10
12
A
B
C
D
E
F
G
H
Best Wells

Figure 11

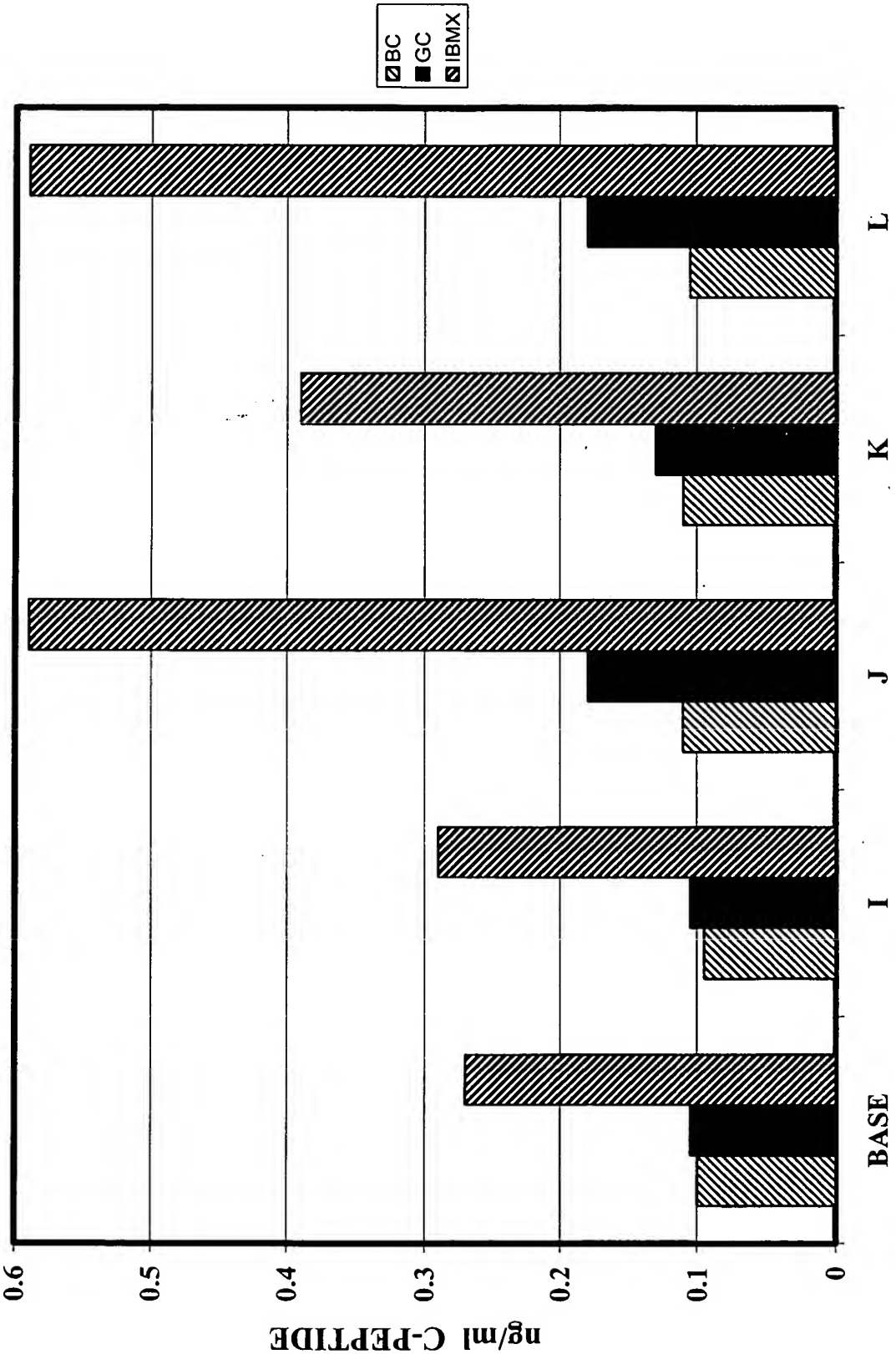

Figure 12

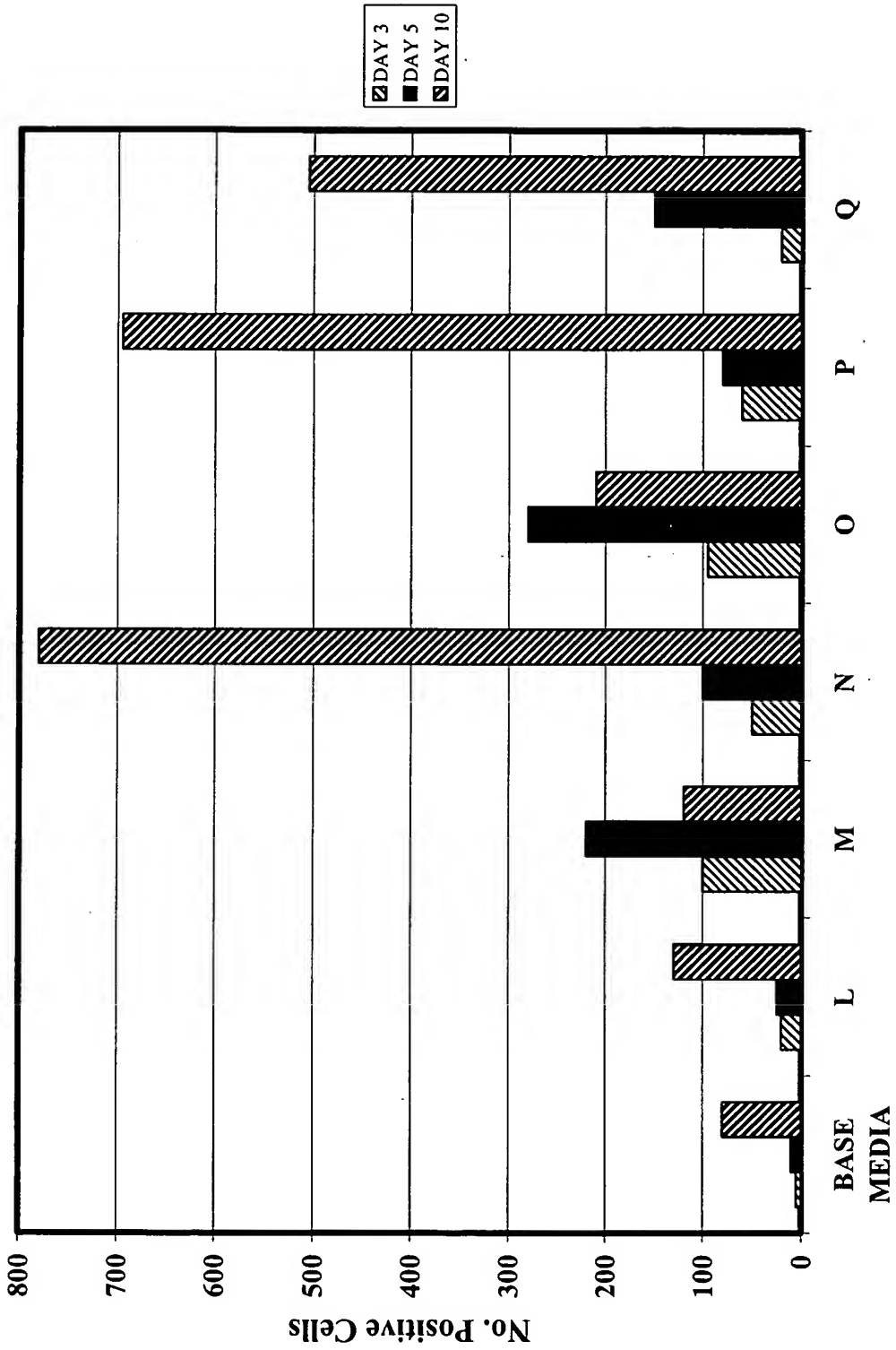
DAY 3
DAY 5
DAY 10
No. Positive Cells
800
700
600
500
400
300
200
100
0
BASE MEDIA
L
M
N
O
P
Q

Figure 13